

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K35/74 A23K1/00 C12N1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A23K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, MEDLINE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 91 13146 A (UPJOHN CO) 5 September 1991 (1991-09-05) the whole document	
A	KUNG L ET AL: "PREVENTING IN VITRO LACTATE ACCUMULATION IN RUMINAL FERMENTATIONS BY INOCULATION WITH MEGASPHAERA ELSDENII" JOURNAL OF ANIMAL SCIENCE, NEW YORK, NY, US, vol. 73, no. 1, 1995, pages 250-256, XP000973856 ISSN: 0021-8812 the whole document	

-/-

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

25 September 2003

Date of mailing of the international search report

06/10/2003

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>OUWERKERK, D. ET AL: "Enumeration of Megasphaera elsdenii in rumen contents by real-time Taq nuclease assay" JOURNAL OF APPLIED MICROBIOLOGY, vol. 92, - April 2002 (2002-04) pages 753-758, XP002255685 the whole document</p>	

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INTERNATIONAL SEARCH REPORT

In International application No.
PCT/ZA 03/00093

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 5, 8, 11, 12, 16, 18 and 21 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/ZA 03/00093

Patent document cited in search report	Classification date	Patent family member(s)	Publication date
WO 9113146	A	05-09-1991	AT 127516 T 15-09-1995
		AU 645834 B2 27-01-1994	
		AU 8332491 A 18-09-1991	
		CA 2073876 A1 02-09-1991	
		DE 69112847 D1 12-10-1995	
		DE 69112847 T2 14-03-1996	
		DK 594590 T3 22-01-1996	
		EP 0594590 A1 04-05-1994	
		ES 2078511 T3 16-12-1995	
		GR 3018295 T3 31-03-1996	
		JP 5504684 T 22-07-1993	
		KR 159952 B1 16-11-1998	
		WO 9113146 A1 05-09-1991	
		US 5380525 A 10-01-1995	

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